

# HARVARD UNIVERSITY

LABORATORY OF PSYCHOBIOLOGY  
HARVARD MEDICAL SCHOOL  
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Department of Psychiatry  
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July 25, 1974

Robert C. Hockett, Ph.D.  
Research Director  
The Council for Tobacco Research-U.S.A.  
633 Third Avenue  
New York, N.Y. 10017

Re: CTR 843

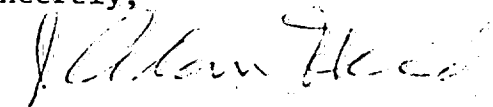
Dear Dr. Hockett:

Enclosed is a grant application entitled "Behavioral hypertension and arteriosclerosis in the squirrel monkey: effects of nicotine and carbon monoxide." This is a request for research support of a program that is an extension of that currently supported by the Council. Because of our discussions with you and Dr. Lisanti during our Site Visit on May 29, 1974, we have decided I should be designated as Principal Investigator with Dr. Barger and Dr. Dews designated as Co-principal Investigators.

This application contains a proposal to continue the study of behavioral hypertension in the squirrel monkey that we reported to the Site Visit team on May 29th. It also contains a proposal for a study of arterial wall permeability to be carried out in squirrel monkeys in the presence and absence of systemic arterial hypertension, with and without concurrent administration of nicotine and carbon monoxide. Preliminary experiments with rats have demonstrated the feasibility of this project and a description of preliminary results will be included in our Progress Report for 1974.

We are grateful for the time you and your Site Visit team spent with us in discussion of our research program. I hope we can continue to work together in our studies of hypertension and arteriosclerosis in non-human primates.

Sincerely,

  
J. A. Herd, M.D.  
Associate Professor  
of Psychobiology

JAH/qr

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